

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1747	(381/55-58).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 16:57
L2	1923	(381/102-106).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 16:57
L3	1073	(381/94.1,94.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 16:58
L4	1	"381"/\$.ccls. and (flag near20 (input near2 signal) near20 (band subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 16:59
L5	1	"381"/\$.ccls. and (flag\$1 near20 (input near2 signal) near20 (band subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:02
L6	41	"381"/\$.ccls. and (flag\$1 yes no) near20 (input near2 signal) near20 (band subband sub-band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:03
L7	10	"381"/\$.ccls. and (delay near20 (add\$3 sum\$4) near20 analysis )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:05
L8	72	L1 and flag\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:09

L10	1076	"381"/\$.ccls. and (delay\$3 near5 input near5 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:15
L11	0	"381"/\$.ccls. and (delay\$3 near5 input near5 signal) near20 (analysis near2 filterbank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:16
L12	0	"381"/\$.ccls. and (delay\$3 near5 input near5 signal) near20 (analysis near5 filterbank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:16
L13	3	"381"/\$.ccls. and (delay\$3 near5 input near5 signal) and (analysis near5 filterbank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:16
L14	249	"381"/\$.ccls. and (delay\$3 near5 input near5 signal) near20 (add\$3 sum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:17
L15	8	("5930373"   "6111960"   "6285767"   "6792115"   "6792119"   "6845165"   "6961435"   "7136493"). FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/14 17:22
L16	0	"381"/\$.ccls. and (delay\$3 near5 input near5 signal) near20 (filterbank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 17:28
L17	8	schneider.in. and (acoustic and shock) and block	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/14 18:11
S1	141	(381/55).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 19:20
S2	2	schneider.in. and (acoustic adj2 shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 14:06

S3	78	(acoustic adj2 shock) same protect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 13:18
S4	1245	(381/56,102,106).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:18
S5	1	((acoustic adj2 shock) same protect\$3) and WOLA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 19:21
S6	1	(remov\$3 adj3 acoustic adj2 shock) same protect \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 19:22
S7	2	((("6236731") or ("5701352")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 15:26
S8	2	schneider.in. and (acoustic adj2 shock) and (parameter same space)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:17
S9	7	"381"/\$.ccls. and (analysis with synthesis) same ((gain volume amplitude) adj2 control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 13:32
S10	1	("5715319").PN.	USPAT	OR	OFF	2008/01/22 13:27
S11	3	brennan.in. and (acoustic adj2 shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 13:41
S12	18	brennan.in. and (wola)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:04
S13	3	("5388185"   "6236731"   "6240192").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/22 13:31

S14	4	"381"/\$.ocls. and (analysis with synthesis) same (wola)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:22
S15	1	schneider.in. and (acoustic adj2 shock) and (state same machine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:07
S16	14	(analysis with synthesis) same (wola)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 13:49
S17	0	EP-0841836-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:08
S18	1	EP-841836-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:08
S19	0	WO-2003003790-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:09
S20	0	WO-3003790-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:09
S21	0	WO-20003003790-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:10
S22	1	GB-2293078-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 14:10
S23	6	("5136577"   "5329587"   "5544080"   "5887059"   "6070137"   "6487295"). FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/22 15:02

S24	19	("5136577").URPN.	USPAT	OR	OFF	2008/01/22 15:03
S25	85	brennan.in. and (analysis same synthesis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:04
S26	18	brennan.in. and (analysis same synthesis) and filterbank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:47
S27	15	("6198830").URPN.	USPAT	OR	OFF	2008/01/22 15:11
S28	0	("7010133").URPN.	USPAT	OR	OFF	2008/01/22 15:15
S29	0	("7010133").URPN.	USPAT	OR	OFF	2008/01/22 15:15
S30	3	("6198830"   "6236731"   "6606391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/22 15:15
S31	1	schneider.in. and (acoustic adj2 shock) and (on-line)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:21
S32	4	schneider.in. and (on-line) and (analysis same synthesis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:21
S33	0	"381"/\$.cols. and (analysis with synthesis) and (on-line same (disc disk memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:22
S34	60	(analysis with synthesis) and (on-line same (disc disk memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:22
S35	0	(acoustic adj2 shock) and (on-line same (disc disk memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:23

S36	0	(acoustic adj2 shock) and ((on-line online) same (disc disk memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:23
S37	0	"381"/\$.ccls. and (acoustic with shock) and ((on-line online) same (disc disk memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:23
S38	36	"381"/\$.ccls. and (noise) and ((on-line online) same (disc disk memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:25
S39	15	"381"/\$.ccls. and ((on-line online) with collect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:26
S40	1657	(381/55-58).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:27
S41	1849	(381/102-106).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:27
S42	1014	(381/94.1,94.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:39
S43	1	holube.in. and analysis and synthesis and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:38
S44	12	("3993862"   "4536844"   "4837830"   "5054085"   "5381512"   "5717818"   "5729145"   "5757932"   "5812678"   "5862238"   "5892836"   "5903655"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/22 15:38

S45	157	(381/94.7).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/22 15:39
S46	1	schneider.in. and (acoustic adj2 shock) and rules	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/26 14:34
S47	2	schneider.in. and (acoustic adj2 shock) and rule\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/26 14:34
S48	5502	(381/55-58,102-109,94.1- 94.9).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:43
S49	0	S48 and (removable detachable) with (log\$4 record\$3) with (gain volume amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 11:41
S50	3	S48 and (removable detachable) same ((log\$4 record\$3) with (gain volume amplitude))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:49
S51	157	(381/94.7).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:22
S52	1	S51 and recorder same (detach\$4 remov\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:23
S53	1016	(381/94.1,94.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:23
S54	1	S53 and recorder same (detach\$4 remov\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:23

S55	31	S48 and (disk disc) with (stor\$3 save\$1 record\$3) with (gain volume amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:27
S56	128	S48 and (disk disc) same (stor\$3 save\$1 record\$3) same (gain volume amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:27
S57	7	S48 and (disk disc) same (stor\$3 save\$1 record\$3) same ((gain volume amplitude) adj2 levels)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:28
S58	31	brennan.in. and (analysis same synthesis) and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 10:47
S59	1	schneider.in. and (acoustic adj2 shock) and periodic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 11:16
S60	1	schneider.in. and (acoustic adj2 shock) and (delay same zero)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 11:25
S61	1	schneider.in. and (acoustic adj2 shock) and (narrowband same broadband same flag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 11:25
S62	1	("5136577").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 11:40
S63	3	S48 and (on-line online) with (data near2 collect \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 13:38
S64	87	S48 and (on-line online)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 11:42



S65	2	((("6236731") or ("5701352"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/31 13:34
S66	1	S65 and (memory disc disk)	USPAT	OR	OFF	2008/01/31 13:34
S67	8	"381"/\$.ccls. and (on-line online) with (data near2 collect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/03 21:05
S68	26	"381"/\$.ccls. and (on-line online) with (record\$3 log \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:29
S69	35	"381"/\$.ccls. and (each every) with (subband sub-band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/03 21:15
S70	49	"381"/\$.ccls. and (delay near2 (time period) near2 zero)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/03 21:08
S71	0	"381"/\$.ccls. and ((gain volume) near3 (adjust\$3 modify\$3 chang\$3)) same ((each every) adj3 (subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/03 21:16
S72	4	"381"/\$.ccls. and (gain volume) same ((each every) adj3 (subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/03 21:16
S73	12	"381"/\$.ccls. and ((on-line online) with (record\$3 log \$4)) and (disc medium disk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:30
S74	0	(381/\$.ccls.and (hearingadj2aid) sameAGC).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:43

S75	128	"381"/\$.ccls. and (hearing adj2 aid) same AGC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:44
S76	5502	(381/55-58,102-109,94.1-94.9).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:50
S77	4	S76 and (delay\$3 same (analysis near2 filterbank))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 14:47
S78	10	"381"/\$.ccls. and (delay\$3 same (analysis near2 filterbank))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:51
S79	1	"381"/\$.ccls. and (delay\$3 with fast with broadband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:52
S80	0	"704"/\$.ccls. and (delay\$3 with fast with broadband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:18
S81	4	"381"/\$.ccls. and (delay\$3 same fast same broadband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 10:52
S82	1	schneider.in. and (acoustic adj2 shock) and delay and broadband	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:04
S83	1	schneider.in. and (acoustic adj2 shock) and delay and broadband and "72"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:04
S84	16	(delay\$3 with fast with broadband) and (audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:20

S85	26	(delay\$3 same fast same broadband same audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:19
S86	232	(delay\$3 with broadband) and (audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:20
S87	28	(delay\$3 with broadband) same (audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 11:21
S88	5	S76 and (delay\$3 near3 (subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 14:04
S89	19	("5136577").URPN.	USPAT	OR	OFF	2008/02/04 13:28
S90	16	S89 and delay\$3	USPAT	OR	OFF	2008/02/04 13:28
S91	1	("5136577").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 10:23
S92	1	S91 and (add\$3 summ\$3 multiplier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 13:51
S93	1	S91 and (delay\$3) and decima\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 13:51
S94	26	(delay\$3 near3 (subband sub-band)) same adaptive \$2 same filter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 14:04
S95	2	schneider.in. and (acoustic adj2 shock) and (add\$3 summ\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 14:06

S96	30	S76 and (echo near2 cancellat\$3 same (add\$3 summ\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 14:14
S97	152	S76 and (adjust\$3 modify \$3 chang\$3) with (delay near3 (period time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 15:24
S98	1	("5745580").PN.	USPAT	OR	OFF	2008/02/04 15:24
S99	2	((("6236731") or ("5701352"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/04 15:26
S100	0	S99 and echo	USPAT	OR	OFF	2008/02/04 15:26
S101	1	("5136577").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 10:23
S102	0	S101 and oversamp\$3	USPAT	OR	OFF	2008/02/06 10:28
S103	1	("6947509").PN.	USPAT	OR	OFF	2008/02/06 10:25
S104	1	S101 and even and odd	USPAT	OR	OFF	2008/02/06 10:28
S105	2	schneider.in. and (acoustic adj2 shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/08 17:28
S106	30	schneider.in. and (acoustic and shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/08 17:29
S107	1	schneider.in. and acoustic and (shock near5 flag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/08 17:29
S108	2	((("6937980") or ("6954535"))).PN.	USPAT	OR	OFF	2008/09/13 16:55

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